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FROM-GEN-PROBE EXECUTIVE OFFICE

8584108922

T-684 P. 97

F-485

## **EXHIBIT K**

TITLE DNA Synthesis Purification Mt6A175(+)

Project No. \_\_\_\_\_

Book No. 1699

90

Fr m Page No. \_\_\_\_\_

1. Synthesizing Biosynth 8700  
 Program #3 Coupling # 2

2. Chemistry:  $\beta$ -cyanoethyl  
 phosphoramidite

A 120.6  
 C 118.6  
 G 120.4  
 T 0.04095

SEQUENCE 1 3 23 -MER

5'-CCG-CAT-AGG-ACC-ACG-GGA-TGC-A  
 (T) 3'

Base #

Adenine	6
Cytosine	6
Guanine	8
Thymine	3

Mt6A175(+)

DMT off

Purine:Pyrimidine = 14:9 = 1.55

3. removed all DMT

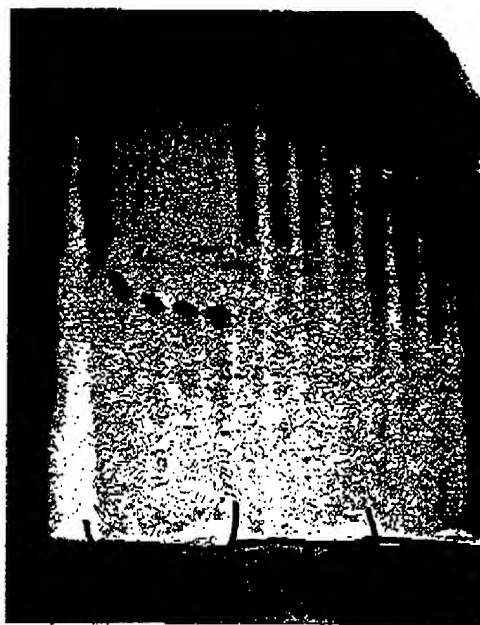
4. deblocked all resin

5. crude = 1.307 nmf

6. loaded 1000 nmf

7. OD = 1.1107 nmf

Total OD = 2.2200



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Witnessed &amp; Understood by m.

Date

Invented by

Date

Gang Ben

Recorded by

Judy Roberts

